

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-273056

(43)Date of publication of application : 03.10.2000

(51)Int.Cl.

C07C 15/60
C07C211/54
C07C211/57
C07D209/86
C07D223/24
C09K 11/06
H05B 33/14
H05B 33/22

(21)Application number : 11-352216

(71)Applicant : IDEMITSU KOSAN CO LTD

(22)Date of filing : 10.12.1999

(72)Inventor : HOSOKAWA CHISHIO
FUNAHASHI MASAKAZU
AZUMA HISAHIRO
IKEDA HIDEJI
ARAI HIROMASA

(30)Priority

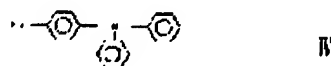
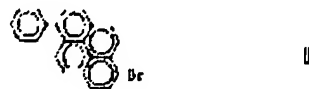
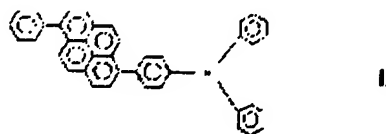
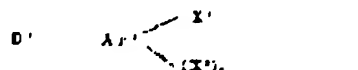
Priority number : 11010660 Priority date : 19.01.1999 Priority country : JP

(54) AMINO OR STYRYL COMPOUND AND ORGANIC ELECTROLUMINESCENT ELEMENT USING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a new amino or styryl compound which gives organic electroluminescent elements having excellent heat resistance and long lives.

SOLUTION: A compound of formula I (Ar1 is a 6-30C divalent or trivalent aromatic group; X1 and X2 are each styryl, a styrylaryl, a diarylamino or a diarylaminoaryl; (n) is 0 or 1; D1 is a 16-60C monovalent group having four or more carbon rings, when either of X1 or X2 is styryl or styrylaryl, or a 20-60C monovalent aromatic group having five or more carbon rings, when X1 and X2 are each the other). For example, a compound of formula II. The compound of formula I is obtained by preparing a Grignard reagent from a compound of formula III and then reacting the Grignard reagent with a compound of formula IV and Ni(dppp)Cl₂ in anhydrous tetrahydrofuran.



LEGAL STATUS

[Date of request for examination] 15.06.2006

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than
the examiner's decision of rejection or
application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision
of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]